# MATHEMATICS

Term 2 **GRADE 11 Core** 2011-2012

MAT-1100

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**6 Periods / Week**

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| **Wk 1**  (Jan 02 – Jan 05) | Chapter 6: **Polynomials and Polynomial Functions**  6.1 Operations with Polynomials (4 periods)  6.2 Dividing Polynomials ( 1 period )  SAT ( 1 period ) |
| **Wk 2**  (Jan 08 – Jan 12 ) | 6.2 Dividing Polynomials ( 5 Periods )  SAT ( 1 period ) |
| **Wk 3**  (Jan 15 – Jan 19) | 6.3 Polynomial Functions (5 periods)  SAT ( 1 period ) |
| **Wk 4**  (Jan 22 – Jan 26) | 6.3 Polynomial Functions (1 period)  6.5 Solving Polynomial Equations (4 periods)  SAT ( 1 period ) |
| **Wk 5**  (Jan 29– Feb 02) | 6.5 Solving Polynomial Equations (3 periods)  6.6The Remainder and Factor Theorem (2 periods)  System Wide Quiz 1  SAT ( 1 period ) |
| **Wk 6**  (Feb 5 – Feb 9) | 6.6 The Remainder and Factor Theorem (4 periods)    SAT ( 1 period )  6.7Roots and Zeros ( 1 period ) |
| **Wk 7**  (Feb 12 – Feb 16) | 6.7Roots and Zeros ( 3 periods )  6.8 Rational Zero Theorem ( 2 periods)  SAT ( 1 period ) |
| **Wk 8**  (Feb 19 – Feb 23) | 6.8 Rational Zero Theorem ( 5 periods)  SAT ( 1 period ) |
| **Wk 9**  (Feb 26 – Mar 1) | System Wide Quiz 2  Chapter 9: **Rational Functions and Relations**  9.1 Multiplying and Dividing Rational Expressions (5 periods)  SAT ( 1 period ) |
| **Wk 10**  (Mar 4 – Mar 8) | 9.2 Adding and Subtracting Rational Expressions ( 5 periods)  SAT ( 1 period ) |
| **Wk 11**  (Mar 11 – Mar 15) | 9.6 Solving Rational Equations and Inequalities ( 5 periods)  SAT ( 1 period ) |
| **Wk 12**  (Mar 18 – Mar 22) | 9.6 Solving Rational Equations and Inequalities ( 1 period)  9.5 Variation Functions (4 periods)  SAT ( 1 period ) |
| **Wk 13**  (Mar 24 – Mar 29) | End of Term-2 Exams |